WHAT IS CLAIMED:

1. A ski sport apparatus comprising:

a ski defining a longitudinal direction with a middle section and two outer sections;

an interface device with a binding region for accommodating a ski binding, the interface device arranged in the middle section and connected to the ski;

at least two force introduction regions at a distance from one another in the longitudinal direction for introducing forces from the interface device into the ski;

the ski having a plurality of several regions of lower flexibility or higher flexibility alternating in the longitudinal direction; and

the middle section of the ski having a region with a higher flexibility, and at least one of a frontmost and a rearmost force introduction region allocated to a region with a lower flexibility of the ski and in the longitudinal direction arranged one of further to the front and further to the rear than the binding region.

2. A ski sport apparatus according to claim 1, wherein force introduction regions are designed and arranged so that at least one of a force and a torque from an outer section of the ski is transmitted into the middle section of the ski and vice versa.

3. A ski sport apparatus according to claim 1, wherein the interface device in the longitudinal direction is rigid and at least partly one of articulately and elastically fastened into the force introduction regions on the ski, and the ski sport apparatus has a compensation for compensating a distance change between at least two of the force introduction regions.

4. A ski sport apparatus according to claim 1, wherein the interface device is bendable in the longitudinal direction and is designed and fastened on the ski so that it acts on the ski as a leaf spring.

5. A ski sport apparatus according to claim 1, wherein the interface device is bendable in the longitudinal direction and is firmly connected onto the ski.

6. A ski sport apparatus according to claim 1, wherein the interface device is bendable in the longitudinal direction and is integrated in the ski.

7. A ski sport apparatus according to claim 1, wherein the interface device contains at least one of at least one plate, at least one rail and at least one tube.

8. A ski sport apparatus according to claim 1, wherein the ski sport apparatus comprises at least one force transmission device for transmitting forces from the interface device to the force introduction regions, and wherein each force transmission device is connected on one side to two of the force introduction regions and on an other side to the interface device.

9. A ski sport apparatus according to claim 8, wherein the force transmission device is bendable in the longitudinal direction and is integrated in the ski.

10. A ski sport apparatus according to claim 8, wherein each force transmission device comprises at least one of at least one tab, at least one plate, at least one rail and at least one tube.

11. A ski sport apparatus according to claim 8, wherein on at least one of a force transmission device at a force introduction region and a connection between the interface device and the force transmission device there is at least one of a spring element and a damping element.

12. A ski sport apparatus according to claim 8, wherein at least one of an elastic material and a damping material is attached between the force transmission device and at least one of the ski and in the ski.

13. A ski sport apparatus according to claim 1, wherein on at least one of the interface device and one of the force introduction regions there is at least one of a spring element and a damping element.

14. A ski sport apparatus according to claim 1, wherein first regions of the ski having a low flexibility are formed as thick regions and second regions of a higher flexibility are formed as thin regions.

15. A ski sport apparatus according to claim 1, wherein regions of the ski with a lower flexibility are formed by at least one reinforcement attached one of on the ski and in the ski which permits no length compensation, in a form of at least one of at least one tab, at least one plate, at least one rail, at least one tube, carbon fibers, materials increasing a bending stiffness in the longitudinal direction as one part, and as several parts and distanced to one another.

16. A ski sport apparatus according to claim 1, wherein the interface device and one of the ski and longitudinal layers of the ski are connected among one another to permit a length compensation at transitions.

17. A ski sport apparatus according to claim 1, wherein regions of the ski with one of a lower and a higher flexibility result from at least one of an arrangement of materials with different bending stiffnesses, by mixtures of different materials and by specific construction types of the ski which change a bending stiffness of the ski.

18. A ski sport apparatus according to claim 1, wherein at least one of the two outer sections of the ski comprise several regions of one of lower flexibility and high flexibility alternating in the longitudinal direction.

19. A ski sport apparatus according to claim 1, wherein the middle section of the ski comprises several regions of a lower flexibility and high flexibility alternating in the longitudinal direction.

20. A ski sport apparatus according to claim 1, wherein at least one of an elastic material and a damping material is attached between the interface device and at least one of the ski and in the ski.

21. A ski sport apparatus according to claim 1, wherein a distance in the longitudinal direction between a frontmost force introduction region and a rearmost force introduction region is at least 650 mm, preferably 800 to 900 mm and maximally 1300 mm.

22. A ski sport apparatus according to claim 1, wherein the ski binding is at least one of integrated one of on and in the interface device and is at least one of displaceable in the longitudinal direction and permits a length compensation.